

CONTACT

✉ king.ng1@students.mq.edu.au

🌐 kingtaojasonng

in jasonkng

SKILLS

Data Analysis 5+ yrs

Leadership 1+ yrs

Statistics 5+ yrs

Strategic Thinking 4+ yrs

Software Quality Assurance 1+ yrs

Project Management 5+ yrs

Business Analysis 4+ yrs

Software Engineering 4+ yrs

KING TAO JASON NG

An experienced all-round data scientist

EDUCATION

Doctor of Philosophy in Computer Science
Macquarie University

2021 - Present

Thesis: Bayesian Inference for Document-Level Causal Relation Identification

Master of Data Science
University of Sydney

2016 - 2019

Thesis: Academic Capability Mapping

Master of Economics in Econometrics and Financial Economics
University of Sydney

2008 - 2012

Master of Information Technology in Knowledge Systems and Data Mining
University of New South Wales

2005 - 2007

Bachelor of Science in Computer Science
University of New South Wales

2001 - 2005

WORK EXPERIENCE

Senior Analytics Platform Owner
Chief Data and Analytics Office, ASIC

Jul 21 - Present

Promote Databricks

Data Scientist
Chief Data and Analytics Office, ASIC

Oct 19 - Jul 21

Lead and implement NLP Prospectuses using Python; Propose and design NLP pipeline

Analyst
Market Infrastructure, ASIC

Jul 16 - Oct 19

Propose and implement Wash Trade Detection using KDB+/Q; Design and implement Market Data Analytics Hub using Elastic Stack

Analyst
Market & Participant Supervision, ASIC

Jan 13 - Jul 16

Manage and implement Market Analysis and Intelligence Surveillance System; Draft Technology and Analytics Capability Review

Sessional Teaching Academic
School of Computing, Macquarie University

Feb 22 - Jun 22

Teach Document Processing and Semantic Technologies (COMP3220)

ACHIEVEMENTS

Australia Day Achievement Award

ASIC

Launched Market Analysis and Intelligence Surveillance System

ARI Award

Aristocrat Technologies Australia

Competent Communicator

Toastmasters International

Data Scientist

School of Computer Science, University of Sydney

Aug 17 - Jun 19

Design and develop Researcher Collaboration Recommendation System using Python and D3.js

Intranet Programmer

Information and Communications Technology, Scots College

Oct 11 - Dec 11

Maintain and manage IBM DB2

Domain Analyst

Wagering Technology, Tabcorp Holdings Limited

Mar 11 - May 11

Manage requirements for Customer Loyalty Project

Software Engineer

Studio Development, Aristocrat Technologies Australia

Jul 08 - Mar 11

Design and implement gaming applications in C and C++; Propose gaming concepts to senior management

Graduate Software Engineer

Platform Development, Aristocrat Technologies Australia

Jul 07 - Jul 08

Design and develop networking protocols for casino management systems in C and C++

Graduate Test Engineer

Software Integrity Testing, Aristocrat Technologies Australia

Jan 07 - Jul 07

Develop test plans; Perform unit and integration tests

PUBLICATIONS

Hierarchical Word Mover Distance for Collaboration Recommender System

2018

Chao Sun, King Tao Jason Ng, Philip Henville and Roman Marchant

The 16th Australasian Data Mining Conference, AusDM 2018, Bathurst, NSW, Australia, November 28 - 30, 2018, Revised Selected Papers

PROJECTS

Researcher Collaboration Recommendation System Tool: Python, D3.js

2018

WORKSHOPS & CONFERENCES

13th Data Management Community Australia Taxation Office

Jun 20

Coding Fest 2019 University of Sydney

Feb 19

PROFESSIONAL MEMBERSHIPS

- Toastmaster Club
- The Econometrics Society
- Association Computing Machinery (ACM)
- Institute of Electrical and Electronics Engineers (IEEE)